High School to College Articulation Map

Area of Study: Trade & Technology Education **Pathway:** Mechanics & Repairs – Heavy Duty Diesel
National Career Cluster: Transportation, Distribution & Logistics

Region Wasatch Front **District** **School**	**College / Institution** Salt Lake Community College
Contact person Don Johnson **Ph.#** 957-5807	Articulation Agreement in place? Yes * No
e-mail don.johnson@slcc.edu **Date** 10-20-06	**Name of Degree or Certificate** Diesel Systems Technology
	Associate of Applied Science Degree (64 hours required)

High School				College		
Course #	**High School Suggested Courses**	**H.S. Credit**	**College Credits**	**Course #**	**College General Education Requirements**	**Credits**
	ENGL 1010*	1	3 ⇨	ENGL 1010#	Introduction to Writing	3
	IND 1120)*	1	3 ⇨	IND 1120#	Math for Industry	3
	COMM 1010*	1	3 ⇨	COMM 1010#	Elements of Effective Communication	3
				LE 1220#	Human Relations	3
	2 courses from 2 groups: BioSci, FineArts, Humanit, Interdis, PhysSci*	2	6 ⇨	#	2 courses from 2 groups: BioSci, FineArts, Humanities, Interdisciplinary, PhysSci	6
H.S.Total (General Ed.)And Other Available Credits			**15**		**College Total Credits**	**18**
Course CIP #	**High School Career Pathway Courses (min. # Required: 4)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**Credits**
Course#	**Foundation Courses: (# credits required: 3)**	**Credit**				
47.0605	Heavy Duty Mechanics/Diesel *	1.00	1 ⇨	DST 1040	Safety/Basic Diesel Theory	1
			2 ⇨	DST 1050	Safety/Basic Diesel Lab	2
			1 ⇨	DST 1060	Safety/Basic Engine Performance Theory	1
			2 ⇨	DST 1070	Safety/Basic Engine Performance Lab	2
Course #	**Elective Courses: (Min. # of credits required: 1)**	**Credit**				
47.0604	Automotive Service Technology	1.00				
47.0105	Electronics I	1.00				
47.0606	Small Vehicle Technician	1.00				
32.0199	Student Internship (Critical Workplce Skills)	.50				
				ENVT 1040	Workplace Safety Basics	2
				IND 1110	Industrial Electronics	2
				IND 1140	Principles of Technology	3
				WLD 1005	Related Welding	3
				DST 1140	Preventative Maintenance Brake Theory	1
				DST 1150	Preventative Maintenance Brake Lab	2
				DST 1160	Safety/Basic Engine Performance Theory	1
				DST 1170	Preventative Maintenance Elect Lab	2

				DST 1240	Drive Trains/Fluid Drives Theory	1
				DST 1250	Drive Trains/Fluid Drives Lab	2
				DST 1260	Drive Trains/Gear Drives Theory	1
				DST 1270	Drive Trains/Gear Drives Lab	2
				DST 2040	Adv Engine & Electronics Theory	1
				DST 2050	Advanced Engines & Electronics Lab	2
				DST 2060	Advanced Engine Performance Theory	1
				DST 2070	Advanced Engine Performance Lab	2
				DST 2140	Hydraulics Controls Theory	1
				DST 2150	Hydraulics Controls Lab	2
				DST 2160	Hydraulic Functions Theory	1
				DST 2170	Hydraulic Functions Lab	2
				DST 2240	Electrical Circuits Theory	1
				DST 2250	Electrical Circuits Lab	2
				DST 2260	Electrical Lighting Theory	1
				DST 2270	Electrical Lighting Lab	2
Total Pathway Credits			**6** ⇨	**Total Major Course Credits Required**		**46**
TOTAL Potential(college) Credits Earned in High School			**21**	**TOTAL Credits Required for Major**		**64**

 # Based on an articulation agreement between SLCC and Utah Valley State College, SLCC courses marked by the # sign also count toward a bachelors degree at UVSC (18 hours of General Education & 45 of 46 hours of major courses). This leaves an additional 64 hours to achieve a bachelor's degree in Technology Management at UVSC.

Note: *This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering.* ***Note: *= concurrent; **= distant*** ***updated10-20-06***